PTO-1390 (Rev. 07-2005)
Approved for use through 03/31/2007. OMB 0651-0021
U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

		ATTORNEY'S DOCKET NUMBER							
TRANSMITTAL LETTER TO	0696-0248PUS1								
DESIGNATED/ELECTED	U.S. APPLICATION NO. (F known see 37 CFR 1.5)								
CONCERNING A SUBMISSION INTERNATIONAL APPLICATION NO.	INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED							
PCT/FI2005/000054	28 January 2005	29 January 2004							
TITLE OF INVENTION									
APPLICANT(S) FOR DO/EO/US									
Mika CII VENNOINEN		a last the first transport other information:							
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:									
 This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. 									
 This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. 									
 This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 									
. X The US has been elected (Article 31).									
S. X A copy of the International Application as filed (35 U.S.C. 371 (c)(2))									
a. is attached hereto (required only if not communicated by the International Bureau).									
b. x has been communicated by the International Bureau.									
c. is not required, as the application was filed in the United States Receiving Office (RO/US).									
6. x An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).									
a. x is attached hereto.									
b. has been previously submitted under 35 U.S.C. 154(d)(4). 7. X Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))									
 are attached here to (required only if not communicated by the International Bureau). 									
c. have not been made; however, the time limit for making such amendments has NOT expired.									
d. x have not been made and will i									
	the amendments to the claims under	PCT Article 19 (35 U.S.C. 371(c)(3)).							
9. An oath or declaration of the inver									
10. X An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).									
Items 11 to 20 below concern docu									
	ment under 37 CFR 1.97 and 1.98.								
12. An assignment document for reco	ording. A separate cover sheet in comp	liance with 37 CFR 3.28 and 3.31 is included.							
13. A preliminary amendment.									
14. X An Application Data Sheet under	37 CFR 1.76.								
15. A substitute specification.									
16. A power of attorney and/or chang									
7. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825.									
	nternational Application under 35 U.S								
19. A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).									

IAP20 Rec'd PCT/PTO 27 JUL 2006

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US APPLICATION	PUCATION NO. (I SERVICE SET OF SET OF DESCRIPTION OF SET O			ATTORNEY'S DOCKET NUMBER 0696-0248PUS1					
20. X Other items or information: Return Receipt Postcard PCT/T/E205/000054 Return Receipt Postcard PCT/T/E2A/09; Letter Submitting Article 34 Amendments; PCT/IB/304; PCT/BB/308 and Four Sheets of Formal Drawings									
The following fees have been submitted					S 300.0				
21. x Basic national fee (37 CFR 1.492(a))						\$ 300.0	<u> </u>		
22. x Examination fee (37 CFR 1.492(c))									
the written opinion prepared by ISAUS or the international preliminary examination report prepared by IPEAUS indicates all claims satisfy provisions of PCT Article 33(1)-(4)						\$ 200.0	0		
								1	
23. x Search fee (37 CFR 1.492(b)) If the written opinion of the ISAUS or the international preliminary examination report prepared by IPEAUS indicates all claims satisfy provisions of PCT Article 33(1)(4)									
IPEAUS in	ndicates al	claims:	satisfy provisions:	of PCT Article 33(1)(4) .	to the	USPTO as an		ا ا	
				than the US and provide			\$ 400.0	l ⁰	
previously									
All other situation	s					5500	\$ 900.0	10	
	TOTAL O						• 000.0		
Additional fee for specification and drawings field in paper over 100 sheets (excluding sequence failing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(ii)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					ogram listing in an				
Total Sheets	Extra Sh	eets	Number of each additional 50 or fraction thereof (round up to a whole number)						
42 -100=		/50 =	x \$250.00				s		
Surcharge of \$130 for furnishing any of the search fee, examination fee, or the cath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).					\$ 130.0	00			
CLAIMS			BER FILED	NUMBER EXTRA		RATE			
Total clain	ns	2	9 - 20 = 9 x 50.00		50.00	450.6	00		
Independent of	laims		3 - 3 =		×				
MULTIPLE DEP	ENDENT	CLAIM(S) (if applicable)		+				
TOTAL OF ABOVE CALCULATIONS					\$ 1,480.0	00			
Applican	t claims sn	nall entity	status. See 37 (CFR 1.27. Fees above a	re red	uced by 1/2.			
SUBTOTAL =					\$ 1,480.	00			
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).					\$				
TOTAL NATIONAL FEE					\$ 1,480.00				
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				s					
by an appropriate cover sheet (37 CFR 3.25, 3.31). Should be properly				\$					
TOTAL FEES ENCLOSED =					\$ 1,480.00				
							Amount to be refunded:	\$	
							Amount to be charged	\$	

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number a. X A check in the amount of \$ 1,480.00 to cover the above fees is enclosed. Please charge my Deposit Account No. 02-2448 in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed. c. X The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 02-2448 . A duplicate copy of this sheet is enclosed. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038 NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed an granted to restore the international Application to pending status. SEND ALL CORRESPONDENCE TO: for Michael K. Mutter CUSTOMER NUMBER: 02292 July 27, 2006 29,680 /smt REGISTRATION NUMBER

10/587501

JAP20 Rec'd PCT/PTO 27 JUL 2006

Docket No.: 0696-0248PUS1 (PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Application No.: NEW

Confirmation No.: N/A

Filed: July 27, 2006

Art Unit: N/A

For: ENVIRONMENTAL FUSE

Examiner: Not Yet Assigned

LETTER

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

The PTO is requested to use the amended sheets/claims attached hereto (which correspond to Article 19 amendments or to claims attached to the International Preliminary Examination Report (Article 34)) during prosecution of the above-identified national phase PCT application.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37.C.F.R. §1.16 or 1.14; particularly, extension of time fees.

Dated: July 27, 2006

Respectfully submitted,

By ///

#39,491

Michael K. Mutter

Registration No.: 29,680

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Attachment(s)

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